

1           98.    The apparatus of claim 95 wherein:  
2           the support member comprises a housing configured to be implanted at  
3   least partially within the skull, and the housing has a cavity; and  
4           the pulse system comprises a pulse delivery system within the cavity of  
5   the housing, the pulse delivery system having a receiver for receiving a pulse of  
6   broadcast energy generated by an external pulse generator and a pulse former for  
7   converting the broadcast energy into an electrical pulse within the support member.

1           99.    The apparatus of claim 95 wherein:  
2           the support member comprises a housing configured to be implanted at  
3   least partially within the skull, and the housing has a cavity;  
4           the pulse system comprises a pulse delivery system within the cavity of  
5   the housing, the pulse delivery system having a magnetic pickup coil for receiving a  
6   pulse of magnetic energy generated by an external pulse generator; and  
7           the first and second electrodes are electrically coupled to the pulse  
8   system within the housing.

1           100.   The apparatus of claim 95 wherein:  
2           the support member comprises a housing configured to be implanted at  
3   least partially within the skull, and the housing has a cavity;  
4           the pulse system comprises a pulse delivery system within the cavity of  
5   the housing, the pulse delivery system having an antenna capable of receiving RF  
6   energy and a pulse former coupled to the antenna; and  
7           the first and second electrodes are electrically coupled to the pulse  
8   system within the housing.

1           101. The apparatus of claim 95, further comprising a mechanical  
2     biasing element carried by the support member and coupled to the first and second  
3     electrodes.

1           102. An apparatus for applying electrical stimulation to a region of a  
2     brain of a patient, comprising:  
3           an implantable support member configured to be implanted into the  
4     patient proximate to a skull of the patient;  
5           a pulse system carried by the support member;  
6           a first electrode at a first region of the support member, the first  
7     electrode being coupled directly to the pulse system within the support member; and  
8           a second electrode at a second region of the support member spaced  
9     apart from the first electrode, the second electrode being coupled directly to the pulse  
10    system within the support member.

1           103. The apparatus of claim 102 wherein:  
2           the support member comprises a housing configured to be implanted at  
3     least partially within the skull, the housing having a cavity; and  
4           the pulse system comprises a power supply and a pulse generator within  
5     the cavity of the housing.

1           104. The apparatus of claim 102 wherein:  
2           the support member comprises a housing configured to be implanted at  
3     least partially within the skull, the housing having a cavity; and  
4           the pulse system comprises a pulse generator within the cavity of the  
5     housing.

1           105. The apparatus of claim 102 wherein:  
2           the support member comprises a housing configured to be implanted at  
3           least partially within the skull, and the housing has a cavity; and  
4           the pulse system comprises a pulse delivery system within the cavity of  
5           the housing, the pulse delivery system having a receiver for receiving a pulse of  
6           broadcast energy generated by an external pulse generator and a pulse former for  
7           converting the broadcast energy into an electrical pulse within the support member.

1                    106. The apparatus of claim 102 wherein:  
2                    the support member comprises a housing configured to be implanted at  
3                    least partially within the skull, and the housing has a cavity;  
4                    the pulse system comprises a pulse delivery system within the cavity of  
5                    the housing, the pulse delivery system having a magnetic pickup coil for receiving a  
6                    pulse of magnetic energy generated by an external pulse generator; and  
7                    the first and second electrodes are electrically coupled to the pulse  
8                    system within the housing.

1                    107. The apparatus of claim 102 wherein:  
2                    the support member comprises a housing configured to be implanted at  
3                    least partially within the skull, and the housing has a cavity;  
4                    the pulse system comprises a pulse delivery system within the cavity of  
5                    the housing, the pulse delivery system having an antenna capable of receiving RF  
6                    energy and a pulse former coupled to the antenna; and  
7                    the first and second electrodes are electrically coupled to the pulse  
8                    system within the housing.